

Thanks for using our products. Please read this user's manual before usage. Please contact us if you have any query related to installation or operation. We will try our best to help you to settle the problem as soon as possible.

Attentions:

Please follow up below instructions in order to make sure that you use this device properly and avoid to damage the device or hurt the operators caused by improper operation.

1. Protect it from water and humidity.
2. Do not put it on unstable box or table.
3. Do not open the rack by yourself.
4. Please take out the plug from the socket before cleaning the device. Do not use wet duster cloth and fluid.
5. Keep the room ventilation where the device lies and expedite the blowhole at any time.

Brief introduction:

Optostar Power external TX to FX Network media Converter complies with IEEE802.3, IEEE802.3u, IEEE802.3x Standards. it is designed to convert data signal between 10/100/1000Base-Tx and 1000Base-Fx Ethernet. It extends network up to 0.5 kilometers by using Multimode SFP module or 80 kilometers by using Single Mode SFP module.

Checklist

Before you start to install the converter, please verify that the package contains the following:

- 1 Power Supply adapter
- 1 set of Media Converter
- 1 Manual

Please notify your sales representative immediately if any of the aforementioned items is missing or damaged.

Outside appearance

1. Picture



<Pic 1>

2. Front board indicating:

Front board for media Converter is shown as below.

FX Indicator (RX):

- ON, Connected
- OFF, Not connected;

FX Link Indicator(FX):

- ON, under normal linking status
- BLINK, transmitting data
- OFF, FX link failure (IF the RX is on and the FXL is off, it means the TX or the terminal RX is failed.)

Power Supply Indicator(PWR):

- ON, Operating
- OFF, No operating

TX Link Indicator(TP):

- ON, under normal linking status
- BLINK, transmitting data
- OFF, link failure

Speed Indicator(1000/LINK):

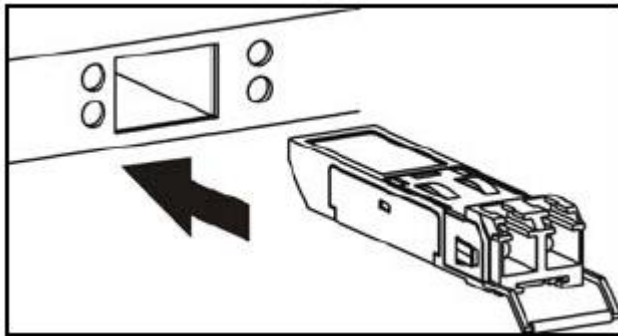
ON, operating speed is 1000M
 OFF, operating speed is 10/100M

Duplex Indicator (FDX):

ON, Full duplex
 OFF, Half duplex
 RJ-45 interface is for TX

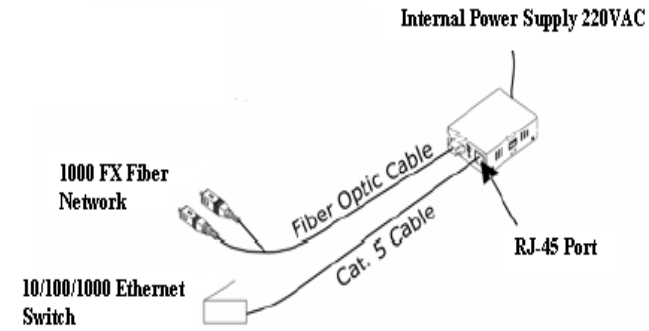
Installing and Removing a Module

1. Remove the SFP transceiver module from its protective packaging.
2. Locate the transmit(Tx) and the receive(Rx) markings on the SFP transceiver module.
3. Align the SFP transceiver module in the front of the slot opening on a device.
4. Insert the SFP transceiver module into the slot until the SFP transceiver module snaps into place.



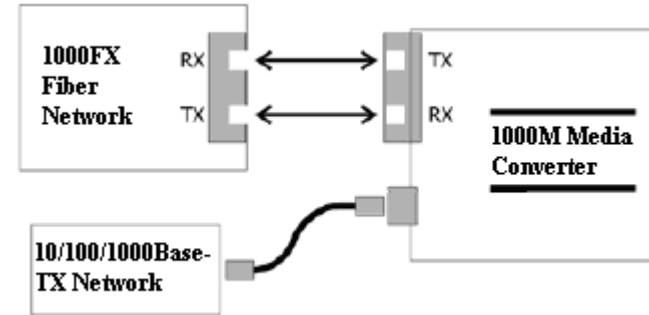
Application:

1. Connection



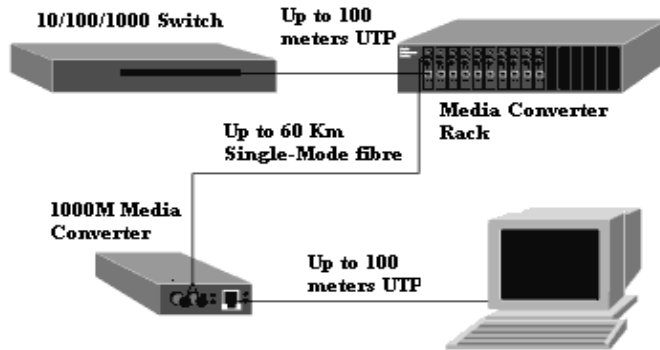
<Pic 2>

2. Basic Network Connection



<Pic 3>

3. Type Application:



<Pic 4>

Features

- ◎ Support to IEEE802.3 protocol
- ◎ High performance data transmission
- ◎ Wide dynamic range of IP data packet
- ◎ Comprehensive LED support
- ◎ Standard Single fiber, transmission distance up to 80Km
- ◎ One RJ45 1000Base-TX ports
- ◎ Auto Half/Full Duplex data mode
- ◎ Auto MDI/MDIX provides automatic cross

Parameter:

- ◎ Transmitting Rate: 10/100/1000Mbps(Full duplex 2000Mbps)
- ◎ Transmitting mode: 10/100/1000M
- ◎ Fiber connector: LC/UPC
- ◎ LED indicator: indicators for link, activity, full/half duplex and speed
- ◎ Computer network interface: RJ-45
- ◎ Environment: Temperature: 0°C to +45°C;
Humidity: 5%-90%; Storage temp: -10°C to +65°C
- ◎ Dimension: 120mmx86mmx26.8mm(Power supply external)

◎ Transmitting distance:

Multi-module: 0.5Km

Single module: 10Km, 25Km, 40Km, 60Km, 80Km

◎ Power adapter: Working power: DC5V 1A

AC Power Supply: 100V~ AC240V to 5V1A

Or DC Power Supply: -36~-72V to 5V1A

Can be powered by USB

◎ Fact power consumption: 5W

◎ Weight:

0.4Kg (Power supply External)

Note:

—Media Converter is a sensitive electronic item, please do handle with extra care on delivery, shifting and humidity.

—This unit will be warranty for 1 year.

—Whenever there is a problem regarding the quality issue within the warranty period, we will take the responsibility to repair with free.

—After the warranty period, we will charge accordingly depending on the fault or damage.

—Whenever there is a fault, you can contact our technical support after you identify the problem and the alarm.